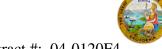
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 1.28

WELDING INSPECTION REPORT

Resident Engineer: Casey, William **Report No:** WIR-028961 Address: 333 Burma Road **Date Inspected:** 04-Jan-2013

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1530 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: American Bridge/Fluor Enterprises, a JV **Location:** S.A.S. Job site

CWI Name: CWI Present: Yes No Jesus Cayabyab **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS: Delayed / Cancelled:** Yes N/A No

34-0006 **Bridge No: Component:** S.A.S. Structure

Summary of Items Observed:

The Caltrans Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI continued reviewing the contractor's submitted Electro-Slag Welding (ESW) reports and referencing the Requests for Weld Repair (RWRs) in order to determine the status of completion of the repairs and welds. The QAI continued reviewing welding report packages #136, #137 and #138, for conformance with the contract requirements. This work was in progress at the end of the shift.

At pier 7, the QAI observed the Quality Control Inspector Jesus Cayabyab conducting Magnetic Particle Testing (MT) on completed welds on the angle brackets that will be installed at the 9 meter elevation on the tower structure. The QAI noted that the fillet welds were made on Jan. 3rd. The QAI was informed that the welds were acceptable and that 10% MT showed no rejectable indications. The QAI made visual examinations of the parts and noted that the 8mm fillet welds appeared to conform to the contract requirements. The QAI was informed that the parts will be drilled to match field bolt holes and painted but the schedule was not known. See the attached photo.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

The QAI relayed the status of the document / submittal reviews and the bracket welds / inspections to the QAI Lead Danny Reyes. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas, (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
Reviewed By:	Reyes, Danny	QA Reviewer